## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 October 2005 (13.10.2005)

**PCT** 

(10) International Publication Number WO 2005/095527 A1

(51) International Patent Classification<sup>7</sup>: C09D 4/00, G02B 1/00

(21) International Application Number:

PCT/NL2005/000195

(22) International Filing Date: 15 March 2005 (15.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2004/97737 30 March 2004 (30.03.2004) JP

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: PHOTOCURABLE COMPOSITION AND OPTICAL PART

$$\begin{array}{c}
R^1 \\
R^2 \\
\hline
R^1
\end{array}$$
(1)

(57) Abstract: Subject: To provide a photocurable composition capable of producing a cured product excelling in heat resistance, showing only a small amount of deformation, and producing cured products particularly useful as optical parts. Means for the Solution: A photocurable composition comprising the following components (A)-(D): (A) at least one of the (meth)acrylates having the structures shown by the formulas (1) and (2) (excluding the following component (C)), Chemical Formula (1), Chemical Formula (2) wherein R¹ represents a hydrogen atom or a halogen atom excluding a fluorine atom, R² is a hydrogen atom, a halogen atom excluding a fluorine atom, Ph-C(CH<sub>3</sub>)<sub>2</sub>-, Ph-, or an alkyl group having 1-20 carbon atoms, and R³ represents -CH<sub>2</sub>-, -S-, or -C(CH<sub>3</sub>)<sub>2</sub>-, (B) a (meth)acrylate having three or more functional groups, (C) a monofunctional monomer of which the homopolymer has a Tg of 150°C or more, and (D) a radical photoinitiator, wherein 5-50 wt% of the total acrylic components in the composition is a methacrylate compound and the component (C) is contained in an amount of 4-40 wt%.



## WO 2005/095527 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## **Published:**

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